

Converting Colors

YUV(167.5940, 5.6232,
-30.3389)

Have a look what the booklet for
YUV(167.5940, 5.6232, -30.3389)
contains.

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Color

**YUV(167.5940, 5.6232,
-30.3389)**

Conversions

Conversions Part 1

Format	Color
Hex	85B7B3
RGB	133, 183, 179
RGB Percent	52%, 72%, 70%
CMY	0.4784, 0.2824, 0.2980
CMYK	0.27, 0.00, 0.02, 0.28
HSL	175°, 26%, 62%
HSV	175°, 27%, 72%
XYZ	34.7430, 42.1082, 48.9444
YIQ	167.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

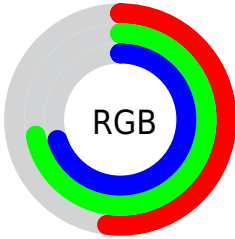
Format	Color
RYB	133, 159, 183
Decimal	8763315
CIELab	70.95, -17.26, -3.30
CIElCh	71, 17.575, 190.825
Yxy	42.1082, 0.2762, 0.3347
Android (android.graphics.Color)	4286953395 (0xFF85B7B3)
YUV	167.5940, 5.6232, -30.3389
Hunter-Lab	64.8908, -17.9887, 0.7037

Details

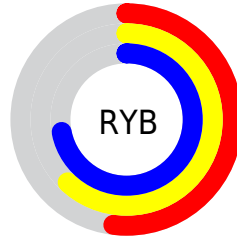
The YUV color $167.5940, 5.6232, -30.3389$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $148.4060, -5.6232, 30.3389$, and the grayscale version is $168.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.9960, 5.9180, -31.5685$, and $114.8930, 5.4758, -29.7242$ is the 20% darker color. If you saturate the color by 10%, you get $162.0980, 7.8397, -41.3049$, and if you desaturate by 10%, it is $173.0900, 3.4066, -19.3729$.

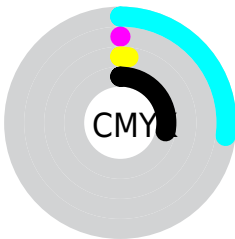
Distribution



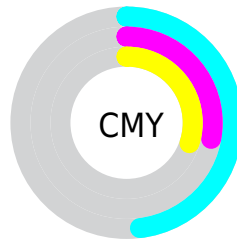
- Red (52%)
- Green (72%)
- Blue (70%)



- Red (52%)
- Yellow (62%)
- Blue (72%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (48%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5940, 5.6232, -30.3389 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 167.5940, 5.6232, -30.3389 by changing the saturation by 10% instead.

■ 167.5940, 5.6232,
-30.3389

■ 167.5940, 5.6232,
-30.3389

■ 255.0000, 0.0000,
0.0000

■ 140.8930, 5.4758,
-29.7242

■ 222.9960, 5.9180,
-31.5685

■ 114.8930, 5.4758,
-29.7242

■ 243.3390, 5.7489,
-23.9763

■ 89.8930, 5.4758,
-29.7242

■ 251.7110, 1.6215,
-6.7625

■ 65.0070, 5.9125,
-29.8241

■ 40.3270, 7.2338,
-33.6128

■ 24.3070, 4.2856,
-21.3172

■ 5.3630, 2.7790,

-4.7034

■ 0.0000, 0.0000,
0.0000

■ 167.5940, 5.6232,
-30.3389

■ 167.5940, 5.6232,
-30.3389

■ 162.0980, 7.8397,
-41.3049

■ 173.0900, 3.4066,
-19.3729

■ 156.1890, 9.7668,
-52.7858

■ 178.9990, 1.4795,
-7.8921

■ 150.6930, 11.9834,
-63.7518

■ 184.4950, -0.7370,
3.0739

■ 145.0830, 13.7631,
-74.6178

■ 190.1050, -2.5168,
13.9399

■ 139.5870, 15.9796,
-85.5838

■ 195.9000, -4.8807,
25.5207

■ 133.6780, 17.9067,
-97.0646

■ 201.5100, -6.6604,
36.3867

■ 128.1820, 20.1233,
-108.0306

■ 205.2120, -7.9925,
43.6641

■ 126.5730, 20.4235,
-111.0045

■ 205.4400, -7.1189,
43.4641

■ 205.5540, -6.6821,
43.3641

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.7710, -2.8451, -20.8472



167.5940, 5.6232, -30.3389



168.4180, 12.6119, -31.9386

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



167.5940, 5.6232, -30.3389



176.2040, 10.7454, 6.8371



174.2230, -14.8999, 19.0984

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



167.5940, 5.6232, -30.3389



148.4060, -5.6232, 30.3389

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



175.5920, -11.1379, 25.7908



167.5940, 5.6232, -30.3389



176.8590, 4.0135, 19.4177

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



167.5940, 5.6232, -30.3389



173.6580, 15.4516, -9.3471



176.7260, -4.3019, 26.5503



172.1460, -14.8620, 6.8880

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



167.5940, 5.6232, -30.3389



169.5480, 15.5058, -26.7906



176.7260, -4.3019, 26.5503



174.4730, -14.0372, 22.3872

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



167.5940, 5.6232, -30.3389



231.2050, 2.3639, -11.5808



163.5460, -15.0592, -23.2808



116.2980, 1.3321, -7.2773



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



167.5940, 5.6232, -30.3389



212.9940, 8.8770, -47.3527



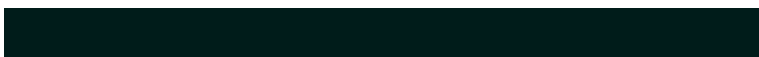
155.7230, 13.4476, -19.9281



89.1950, 0.8899, -5.4330



107.8740, 17.3171, -94.6055



19.4000, 3.2538, -17.0138

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



148.4060, -5.6232, 30.3389



183.0060, -8.8770, 47.3527



160.2770, -13.4476, 19.9281



85.6910, -1.3267, 5.5330



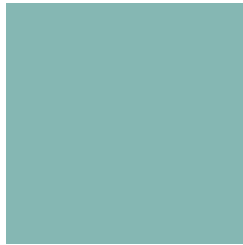
48.0120, -17.7539, 94.7055



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 167.5940, 5.6232, -30.3389 looks on a white background.

Color Contrast Check

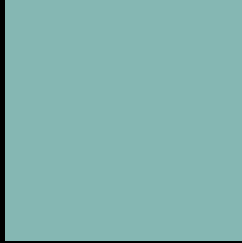
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 167.5940, 5.6232, -30.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

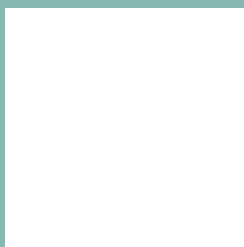
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.5940, 5.6232, -30.3389

Background



This preview shows how black text looks on a background with the YUV color 167.5940, 5.6232, -30.3389.

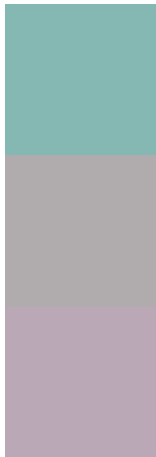


This preview shows how white text looks on a background with the YUV color 167.5940, 5.6232, -30.3389.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

167.5940, 5.6232, -30.3389

Protanopia

173.3100, -0.1528, 2.3591

Deuteranopia

174.9780, 3.4618, 9.6663



Tritanopia

169.4400, 12.6011, -28.4499

Trichromacy



Original Color

167.5940, 5.6232, -30.3389

Protanomaly

171.1020, 1.9217, -9.7365

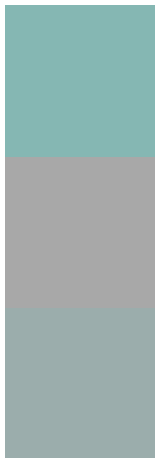
Deuteranomaly

172.1180, 4.3788, -4.4885

Tritanomaly

169.0440, 9.8383, -28.9796

Monochromacy



Original Color

167.5940, 5.6232, -30.3389

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.5040, 2.2165, -10.9660

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5940, 5.6232, -30.3389 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(133, 183, 179)` looks like.

```
.text, #text, p{  
    color:rgb(133, 183, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(133, 183, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 183, 179) }
```

Border

The CSS property to change the border of an element to YUV 167.5940, 5.6232, -30.3389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 183, 179) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(133, 183, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(133, 183, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(133, 183,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 167.5940, 5.6232, -30.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 183, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(133,  
183, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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